

Title (en)

Air desiccant canister for an air brake system and its method for fabricating

Title (de)

Lufttrockenmittel-Dose für eine Druckluftanlage und das Verfahren zu ihrer Herstellung

Title (fr)

Boîtier déshydratant de l'air pour installation de freinage à air comprimé et méthode de sa fabrication

Publication

EP 0875432 A2 19981104 (EN)

Application

EP 98201207 A 19980415

Priority

US 85063397 A 19970502

Abstract (en)

A desiccant canister for an air braking system having dual internal air flow paths and means for avoiding localized compression of a molecular desiccant sieve (30) in an inner shell (24) spring-loaded into an outer shell (22). To increase the internal flowpath without increasing the outer size of the canister, a baffle plate (48) is provided within the inner shell (24) to divide the molecular sieve into an outer annular chamber and inner core of roughly equivalent flow dimension. To avoid localized compression of the molecular sieve, the inner shell (24) is spring loaded into the outer shell (22) and cooperates with the sliding baffle plate (48) to effect equilibrium. <IMAGE>

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Citation (applicant)

US 4733449 A 19880329 - SPEARMAN MICHAEL R [US]

Cited by

EP1048541A1; EP2581131A1; CN104289080A; CN111587141A; US7008472B2; US7625431B2; US6527839B2; US8906146B2; WO0026074A1; WO9947240A1; WO02100518A1

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